

1. 03-27-17 Special Called City Council Workshop Meeting Agenda

Documents:

[03-27-17 SPECIAL CALLED WORKSHOP MEETING AGENDA.PDF](#)

2. 03-27-17 Water/Wastewater Rates Workshop

Documents:

[WATER AND WASTEWATER DOCUMENTATION.PDF](#)



NOTICE OF JOINT MEETING  
OF THE  
CITY COUNCIL  
OF LLANO, TEXAS

This notice is posted pursuant to the Texas Open Meetings Act. Notice is hereby given that a **Special Called City Council Meeting** of the City of Llano, Texas, will be held on **Monday, March 27, 2017 at 5:30 PM.** in the City Hall Council Chambers at 301 W. Main Street, Llano, Texas 78643, at which time the following subjects will be discussed:


**A. CALL TO ORDER**

**B. WORKSHOP AGENDA ITEM**

1. Discussion, direction to Staff, with possible action on various options regarding proposed water/wastewater rates changes  
*Scott Edmonson, City Manager/ Lynda Kuder, Director of Finance*

**C. ADJOURNMENT**

Although a quorum of the members of City Council and other Boards or Commissions may or may not be in attendance, this notice is being posted to meet the requirements of the Texas Open Meetings Act and subsequent opinions of the Texas Attorney General's Office. I, the undersigned authority, do hereby certify that the above Notice of Meeting of the City Council of the City of Llano, was posted on the bulletin board in front of Llano City Hall, 301 W. Main, Llano, Texas, by 5:30 p.m. on Thursday, March 23, 2017, which is readily accessible to the public at all times. Said Notice remained so posted continuously for at least seventy-two (72) hours preceding the scheduled time of said Meeting.

  
Toni Milam, City Secretary

3-23-17  
Date

# Water/Wastewater Rates Workshop

March 27, 2017

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## IDENTIFY GOALS

	Funds Needed	
	WATER	WASTEWATER
Debt service on \$1.7MM Certificates of Obligation	40,334	60,180
Eliminate operating deficit	144,335	191,541
Add one employee/ department	58,000	68,000
WWTP improvements-construction*		55,131
Sandstone projects-construction*	57,942	68,000

\*Application for partial loan forgiveness pending  
at Texas Water Development Board

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**Water and Wastewater Rate Comparisons  
March 2017**

	Fburg	Marble	Burnet	Kingsland Water Supply	KNAUD-Tax Rate \$.22/\$100	Lampasas	Horseshoe Bay	Brady	Llano	San Saba	Mason	Buchanan Dam- Cortx
<b>Population</b>	11,305	7,485	7,100			6,681	6,400	5,946	3,300	3,099	2,114	
<b>Water</b>												
Residential 5/8-3/4" meter												
5,000 gal	18.86	43.67	44.64	39.00		45.70	25.96	35.00	32.50	26.00	28.00	101.50
10,000 gal	33.24	64.42	68.04	56.50		67.70	44.66	55.00	42.50	40.90	38.00	143.00
Commercial 2" meter												
50,000 gal	187.86	372.67	359.68	299.00		258.20	310.97	228.50	222.25	188.30	162.00	1,064.45
100,000 gal	637.76	1,301.47	1,228.18	1,348.00		940.70	1,493.97	978.56	972.25	777.30	799.50	3,051.95
<b>Sewer</b>												
Residential												
5,000 gal	26.60	37.65	55.00			40.20		27.75	42.87	25.50	15.00	
10,000 gal	43.20	57.15	80.00			57.70		39.50	48.32	33.50	24.00	
Commercial												
50,000 gal	251.86	213.15	280.00			201.70		191.50	123.17	73.50	50.00	
200,000 gal	860.86	798.15	1,030.00			726.70		716.50	419.17	223.50	50.00	

### Water Rates

	Residential					Commercial						
	base					tiers						
	5/8" water meter	1" water meter	2" water meter	6" water meter	1-6,000	tiered rates	5/8" water meter	1" water meter	2" water meter	6" water meter	tiers	tiered rates
Fredericksburg	9.16	15.27	48.86	305.34	6,001-12,000	1.94	9.16	15.27	48.86	0-10,000	1.89	
					12,001-18,000	3.11				over 10,000	3.00	
					18,001-25,000	5.05						
					25,001-50,000	7.38						
					over 50,000	8.25						
Burnet	25.00	35.00	72.50	525.00	0-4,000	11.16	25.00	35.00	72.50	0-2,000	4.63	
					4,001-40,000	3.74				over 2,000	5.79	
					over 40,000	4.68						
Marble Falls	22.92	33.12	105.97	711.05	0-10,000	5.84	22.92	33.12	105.97	0-10,000	4.15	
					10,001-30,000	4.15				10,001-30,000	5.06	
					over 30,000	5.06				over 30,000	6.20	
Buchanan Dam-Corix	71.50	169.08	505.70		1-5,000	6.20	71.5	169.08	505.7	1-5,000	6.00	
					5,001-15,000	6.00				5,001-15,000	8.25	
					15,001-25,000	8.25				15,001-25,000	11.50	
					over 25,000	11.50				over 25,000	13.25	
Kingsland Water Supply	25.00	25.00	25.00	25.00	2,000-15,000	13.25	25.00	25.00	25.00	2,000-15,000	3.50	
					15,001-25,000	3.50				15,001-25,000	5.00	
					over 25,000	5.00				over 25,000	7.00	
Horseshoe Bay	25.96	29.63	43.27		5,000-10,000	7.00	25.96	29.63	43.27	5,000-10,000	4.77	
					10,001-25,000	3.74				10,001-25,000	5.59	
					25,001-50,000	4.56				25,001-50,000	6.40	
					50,001-100,000	5.40				50,001-100,000	7.50	
					over 100,000	6.50				over 100,000	8.08	
Mason	20.00	20.00	20.00	20.00	1,001-10,000	7.08	24.00	24.00	24.00	1,001-10,000	2.00	
					10,001-50,000	2.00				10,001-50,000	3.00	
					over 20,000	3.00				over 20,000	4.25	
San Saba	18.50	18.50	18.50	18.50	2,001-6,000	4.25	24.00	24.00	24.00	2,001-6,000	2.00	
					6,001-10,000	2.50				6,001-10,000	3.00	
					over 10,000	3.10				over 10,000	3.10	
Lampasas	23.70	23.70	23.70	23.70	over 10,000	3.86	30.70	30.70	30.70	over 10,000	3.86	
Brady	15.00	15.00	15.00	15.00	0-10,000	4.40	16.00	16.00	16.00	0-10,000	4.55	
					10,001-50,000	4.00				10,001-50,000	4.00	
					50,001-100,000	4.25				50,001-100,000	4.25	
					over 100,000	4.85				over 100,000	4.85	
Ueno	28.50	37.50	71.25	478.50	over 100,000	5.10	28.50	37.50	71.25	over 100,000	5.10	
					3,000-12,000	2.00				3,000-12,000	2.00	
					12,001-50,000	3.50				12,001-50,000	3.50	
					over 50,001	5.00				over 50,001	5.00	

3

### Wastewater Rates

	Residential				Commercial			
	base		fee/1,000 gallons		base		fee/1,000 gallons	
	5/8" water meter	1" water meter	2" water meter	5/8" water meter	1" water meter	2" water meter		
Fredericksburg	10.00	15.27	48.86	3.32	10	15.27	48.86	4.06
Burnet	30.00	30.00	30.00	5.00	30.00	30.00	30.00	5.00
Marble Falls	18.15	18.15	18.15	3.90	18.15	18.15	18.15	3.90
Kingland MUD	26.00	26.00	26.00		26.00	26.00	26.00	
tax rate \$ 22/\$100								
Horseshoe Bay	44.32	44.32	44.32		44.32	44.32	44.32	6.03 over 5,000
Mason	11.40	11.40	11.40	1.80	13.50	13.50	13.50	1.80 over 3,000
San Saba	25.50	25.50	25.50	2.00 over 6,000	25.50	25.50	25.50	1.00 over 2,000
				cap \$36.00				
Lampasas	22.70	22.70	22.70	3.50	26.70	26.70	26.70	3.50
Brady	16.00	16.00	16.00	2.35	16.50	16.50	16.50	3.50
Llano	39.00	39.00	39.00	1.29	55.00	55.00	55.00	1.29 2,001-25,000
				1.54				1.54 25,001-50,000
				1.80				1.80 50,001-100,000
				2.06				2.06 100,001-200,000
				2.32				2.32 200,001-300,000
				2.57				2.57 over 300,000
								cap \$50.00

# Master Fee Schedule

2" Pressure Sewer Tap Fee (Up to 50 Feet) \$1,000.00

All PST's Larger Than 2" Will be Billed at Cost Including All Materials, Labor & Equipment

**Water Taps OUTSIDE City Limits - Water Meter & Service Tap up to 50 Feet**

3/4" Meter	\$1,380.00
1" Meter	\$1,725.00
1 1/2" Meter	\$2,415.00
2" Meter	\$3,450.00

All Water Meters and Taps Larger Than 2" Will be Billed at Cost Including Materials, Labor & Equipment Plus 15%

**Sewer Taps OUTSIDE City Limits**

4" Gravity Sewer Tap Fee Plus \$5.00/Foot \$1,380.00

All GST's Larger Than 4" Will be Billed at Cost Including All Materials, Labor & Equipment + 15%

2" Pressure Sewer Tap Fee Plus \$5.00/Foot \$1,380.00

All PST's Larger Than 2" Will be Billed at Cost Including All Materials, Labor & Equipment + 15%

Theft of Service \$500.00

Meter Replacement (Due to Tampering) 1/2 of the tap fee

**WATER**

**Includes \$1.00 for Council Restricted Fund**

<i>Meter Size</i>	<b>Base Rate Inside City</b>	<b>Base Rate Outside City</b>
3/4" Meter	\$28.50	\$51.00
1" Meter	\$37.50	\$60.00
1 1/2" Meter	\$46.50	\$69.00
2" Meter	\$71.25	\$93.75
3" Meter	\$253.50	\$276.00
4" Meter	\$321.00	\$343.50
6" Meter	\$478.50	\$501.00

**Consumption Rate**

5

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0 to 3,000 Gallons	Included in Base Rate
3,000 to 12,000 Gallons	\$2.00 per 1,000 Gallons
12,000 to 50,000 Gallons	\$3.50 per 1,000 Gallons
> 50,000 Gallons	\$5.00 per 1,000 Gallons

**Late Fee of 10% for Bills Not Paid  
by Due Date**

**WASTEWATER**

**Includes \$1.00 for Council  
Restricted Fund**

*Wastewater rates for residential  
customers shall be based on the  
average water consumption for the  
months of December,  
January & February*

\$39.00 per first 2,000 gallons of water  
consumed each month

\$1.29 per 1,000 gallons for the next  
2,001 - 25,000 gallons consumed per  
month

\$1.54 per 1,000 gallons for the next  
25,001 - 50,000 gallons consumed per  
month

\$1.80 per 1,000 gallons for the next  
50,001 - 100,000 gallons consumed per  
month

\$2.06 per 1,000 gallons for the next  
100,001 - 200,000 gallons consumed  
per month

\$2.32 per 1,000 gallons for the next  
200,001 - 300,000 gallons consumed  
per month

\$2.57 per 1,000 gallons for all  
consumption over 300,000 gallons per  
month

**Late Fee of 10% for Bills Not Paid  
by Due Date**

*Wastewater rates for apartment  
complexes metered as one  
customer  
shall be based on the average water  
consumption for the  
months of December, January &  
February*

\$39.00 times # of apt. units plus:

\$1.29 per 1,000 gallons for the next  
2,001 - 25,000 gallons consumed per  
month

6



\$1.54 per 1,000 gallons for the next 25,001 - 50,000 gallons consumed per month

\$1.80 per 1,000 gallons for the next 50,001 - 100,000 gallons consumed per month

\$2.06 per 1,000 gallons for the next 100,001 - 200,000 gallons consumed per month

\$2.32 per 1,000 gallons for the next 200,001 - 300,000 gallons consumed per month

\$2.57 per 1,000 gallons for all consumption over 300,000 gallons per month

***Wastewater rates for commercial and industrial customers shall be based on the average water consumption for the months of December, January & February***

\$55.00 minimum charge for first 2,000 gallons

\$1.29 per 1,000 gallons for the next 2,001 - 25,000 gallons consumed per month

\$1.54 per 1,000 gallons for the next 25,001 - 50,000 gallons consumed per month

\$1.80 per 1,000 gallons for the next 50,001 - 100,000 gallons consumed per month

\$2.06 per 1,000 gallons for the next 100,001 - 200,000 gallons consumed per month

\$2.32 per 1,000 gallons for the next 200,001 - 300,000 gallons consumed per month

\$2.57 per 1,000 gallons for all consumption over 300,000 gallons per month

## **ELECTRICITY**

### ***Residential Rate:***

Customer Service Charge	\$6.00
City Distribution Charge < 1,000 kWh	\$0.0300/kWh
City Distribution Charge > 1,000 kWh	\$0.0450/kWh

7

Select Language ▼

3/22 /2017 11:03 AM  
 DATES: 4/01/2016 U 3/15/2017  
 TYPE: ALL

\*\*\* CON <sup>PROFILE</sup> SUMPTION PROFILE REPOR T \*\*\*  
 SERVICE: 020 - WATER

CLASS		CURRENT CONSUMPTION <i>IN 100 GALS</i>	PERCENT OF USAGE	NUMBER OF USERS	PERCENT OF USERS	TOTAL REVENUE	PERCENT OF REVENUE	NON-TAXED REVENUE	
COMMER	ICIAL								
	0-	10	4,457	0.25%	1376	6.45%	42,795	3.97%	42,795
	11-	20	7,108	0.40%	466	2.18%	15,650	1.45%	15,650
	21-	30	8,090	0.45%	320	1.50%	11,128	1.03%	11,128
	31-	40	7,486	0.42%	213	1.00%	7,813	0.72%	7,813
	41-	50	8,946	0.50%	197	0.92%	9,706	0.90%	9,706
	51-	60	5,461	0.30%	99	0.46%	5,004	0.46%	5,004
	61-	70	6,128	0.34%	94	0.44%	6,369	0.59%	6,369
	71-	80	7,300	0.41%	97	0.45%	4,897	0.45%	4,897
	81-	90	7,607	0.42%	90	0.42%	5,730	0.53%	5,730
	91-	100	6,672	0.37%	70	0.33%	4,574	0.42%	4,574
	101-	11	8,188	0.46%	78	0.37%	4,977	0.46%	4,977
	111-	12	7,311	0.41%	63	0.30%	4,716	0.44%	4,716
	121-	13	5,767	0.32%	46	0.22%	3,314	0.31%	3,314
	131-	14	7,710	0.43%	57	0.27%	4,545	0.42%	4,545
	141-	15	5,798	0.32%	40	0.19%	3,488	0.32%	3,488
	151-	16	7,950	0.44%	51	0.24%	5,406	0.50%	5,406
	161-	17	4,325	0.24%	26	0.12%	2,474	0.23%	2,474
	171-	18	6,177	0.34%	35	0.16%	3,693	0.34%	3,693
	181-	19	7,418	0.41%	40	0.19%	3,973	0.37%	3,973
	191-	20	7,633	0.43%	40	0.19%	4,243	0.39%	4,243
	201-	21	5,148	0.29%	25	0.12%	2,409	0.22%	2,409
	211-	22	5,607	0.31%	26	0.12%	2,790	0.26%	2,790
	221-	23	6,313	0.35%	28	0.13%	3,004	0.28%	3,004
	231-	24	5,165	0.29%	22	0.10%	2,458	0.23%	2,458
	241-	25	5,649	0.32%	23	0.11%	2,652	0.25%	2,652
	251-	26	4,344	0.24%	17	0.08%	1,862	0.17%	1,862
	261-	27	5,020	0.28%	19	0.09%	2,302	0.21%	2,302
	271-	28	2,741	0.15%	10	0.05%	1,256	0.12%	1,256
	281-	29	5,159	0.29%	18	0.08%	2,404	0.22%	2,404
	291-	30	2,058	0.11%	8	0.04%	804	0.07%	804
	301-	31	2,434	0.14%	8	0.04%	1,171	0.11%	1,171
	311-	32	3,789	0.21%	12	0.06%	1,549	0.14%	1,549
	321-	33	3,904	0.22%	12	0.06%	1,571	0.15%	1,571
	331-	34	4,359	0.24%	13	0.06%	1,735	0.16%	1,735
	341-	35	4,839	0.27%	14	0.07%	2,033	0.19%	2,033
	351-	36	6,386	0.36%	18	0.08%	2,872	0.27%	2,872
	361-	37	3,291	0.18%	9	0.04%	1,314	0.12%	1,314
	371-	38	4,149	0.23%	11	0.05%	1,531	0.14%	1,531
	381-	39	3,847	0.21%	10	0.05%	1,641	0.15%	1,641
	391-	40	2,767	0.15%	7	0.03%	1,903	0.18%	1,903
SUBTOT	AL		224,501	12.50%	3808	17.86%	193,755	17.94%	193,755

CLASS		CURRENT	PERCENT	NUMBER	PERCENT	TOTAL	PERCENT	NON-TAXED	
RESIDE	NTIAL	CONSUMPTION	OF USAGE	OF USERS	OF USERS	REVENUE	OF REVENUE	REVENUE	
		IN 100 GALS							
	0-	10	7,620	0.43%	2184	10.23%	65,372	6.06%	65,372
	11-	20	31,138	1.74%	2004	9.39%	59,009	5.47%	59,009
	21-	30	52,445	2.93%	2052	9.61%	61,790	5.73%	61,790
	31-	40	66,498	3.71%	1878	8.80%	58,450	5.42%	58,450
	41-	50	71,060	3.97%	1577	7.39%	52,979	4.91%	52,979
	51-	60	69,707	3.89%	1260	5.90%	45,090	4.18%	45,090
	61-	70	63,317	3.53%	971	4.55%	37,046	3.44%	37,046
	71-	80	51,304	2.86%	680	3.19%	28,270	2.62%	28,270
	81-	90	50,291	2.81%	589	2.76%	26,617	2.47%	26,617
	91-	100	42,844	2.39%	449	2.10%	20,973	1.94%	20,973
	101-	11	35,290	1.97%	335	1.57%	16,833	1.56%	16,833
	111-	12	30,147	1.68%	261	1.22%	13,061	1.21%	13,061
	121-	13	30,537	1.70%	243	1.14%	13,785	1.28%	13,785
	131-	14	33,342	1.86%	246	1.15%	15,410	1.43%	15,410
	141-	15	23,964	1.34%	165	0.77%	10,084	0.94%	10,084
	151-	16	21,296	1.19%	137	0.64%	8,793	0.82%	8,793
	161-	17	25,955	1.45%	157	0.74%	11,240	1.04%	11,240
	171-	18	16,657	0.93%	96	0.45%	7,229	0.67%	7,229
	181-	19	16,529	0.92%	89	0.42%	6,868	0.64%	6,868
	191-	20	22,278	1.24%	115	0.54%	9,110	0.84%	9,110
	201-	21	19,680	1.10%	96	0.45%	8,157	0.76%	8,157
	211-	22	16,813	0.94%	78	0.37%	6,544	0.61%	6,544
	221-	23	14,421	0.80%	64	0.30%	5,639	0.52%	5,639
	231-	24	16,031	0.89%	68	0.32%	6,188	0.57%	6,188
	241-	25	12,501	0.70%	51	0.24%	4,892	0.45%	4,892
	251-	26	13,769	0.77%	54	0.25%	5,625	0.52%	5,625
	261-	27	8,499	0.47%	33	0.15%	3,200	0.30%	3,200
	271-	28	9,070	0.51%	33	0.15%	3,431	0.32%	3,431
	281-	29	11,440	0.64%	40	0.19%	4,256	0.39%	4,256
	291-	30	9,176	0.51%	32	0.15%	3,513	0.33%	3,513
	301-	31	5,503	0.31%	18	0.08%	2,102	0.19%	2,102
	311-	32	9,162	0.51%	29	0.14%	3,531	0.33%	3,531
	321-	33	6,489	0.36%	20	0.09%	2,483	0.23%	2,483
	331-	34	7,041	0.39%	21	0.10%	2,685	0.25%	2,685
	341-	35	8,288	0.46%	24	0.11%	3,135	0.29%	3,135
	351-	36	11,029	0.62%	31	0.15%	4,276	0.40%	4,276
	361-	37	7,673	0.43%	21	0.10%	3,077	0.29%	3,077
	371-	38	7,120	0.40%	19	0.09%	2,744	0.25%	2,744
	381-	39	8,878	0.50%	23	0.11%	3,310	0.31%	3,310
	391-	40	5,131	0.29%	13	0.06%	2,075	0.19%	2,075
SUBTOT	AL		969,933	54.14%	16256	76.16%	648,866	60.17%	648,866
020-WA	TER		1,791,446	100.00%	21349	100.00%	1,078,460	100.00%	842,621

9



**Water/Wastewater Rates Workshop  
Items for Consideration**

March 27, 2017

Water 1761 customers	Sewer 1509 customers	all estimates are based on April 2016 - March 2017 water sales
<p><b>Charge \$2.00/k gallon for first 3,000</b></p> <p>110,608 total annual consumption 0-3k            39.30% \$ 22,121.60            remaining 60.70% 77,753.06  <b>\$ 99,874.66</b></p>	<p><b>Charge \$1.29/k gallons for first 2,000</b></p> <p>4,986 total consumption/mo D-F avg 0-2k            \$ 7,718.33            remaining \$ 31,315.50  <b>\$ 39,033.83</b></p> <p align="center">OR</p>	<p>-increases to tier rates allow customers some control            -5 of 9 utilities surveyed do not include gallons in sewer base rate            -6 of 11 utilities surveyed do not include gallons in water base rate</p>
<p><b>Increase each tier over 3,000 by \$.50</b></p> <p><b>\$ 54,000.00</b></p>	<p><b>Charge \$3.00/1,000 gallons Dec-Feb avg</b></p> <p>eliminate free gallons            same charge- eliminate tier structure  <b>\$ 173,000.00</b></p>	<p>a little regressive- does not reward conservation            Llano is only city in survey to use tiers for sewer fees            used 15% of water use for sewer calculations            1509 sewer vs. 1761 water customers</p>
<p><b>\$1 on base rate generates \$ 21,132.00</b></p>	<p><b>\$1 on base rate generates \$ 18,108.00</b></p>	<p>Unlike water, commercial sewer customers pay a higher base than residential.            The cost of charging the same base rate to both classes would be:</p> <p>279 commercial sewer X \$16 x 12 months = \$ 53,568.00      all commercial sewer \$39 base rate            265 small commercial x \$16 x 12 months = \$ 50,880.00      use \$39 base for small commercial instead of \$55</p>